(d) whether Kendriya Vidyalaya, INA Colony has taken up any such quality assessment of its students for class VIII;

(e) if so, the results thereof; and

(f) if not, by when the Kendriya Vidyalaya Sangathan intends to initiate it?

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI ARJUN SINGH): (a) No, Sir. However, Kendriya Vidyalaya Sangathan (KVS) had conducted a sample survey of learners achievement for pass out students of Class-V of Kendriya Vidyalayas (KVs) in April 2006 with standardized question papers in Mathematics, English and Environmental Studies.

(b) Does not arise.

(c) The assessment of students in all classes including VII and VIII of KVs is done regularly through unit tests, half-yearly and end of session examinations.

(d) No, Sir.

(e) Does not arise.

(f) The assessment of students for all classes including class VIII is done in KV, INA Colony regularly through unit tests, half-yearly and end of session examinations.

Power to all by 2012

*202. SHRI RAJKUMAR DHOOT: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that Government are planning to provide power to all by 2012;

(b) if so, what is the estimate of total power requirement of each State and UT in 2012, the sources of supply and their capacities to provide power;

(c) what directions have been given to State Electricity Boards and power distributing agencies to ensure that transmission lines are ready in time to supply power available for consumers; and

(d) the authority designated to co-ordinate for ensuring planned construction and commencement of productions, distribution of power to distributing agencies and transmission to consumers?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) Yes, Sir. The National Electricity Policy notified on 12th Feb. 2005 envisages that demand for power is to be fully met by 2012.

As per the 17th Electric Power Survey of India, the forecast of electricity demand in terms of electrical energy requirement and peak electric load for the year 2011-12 has been assessed as 968 Billion Units and 1,52,746 MW respectively. The State wise details are given at Statement-I (*See* below).

To meet the demand, a capacity addition of 78,577 MW (as per State-wise details given in Statement-II (*See* below), has been proposed for the Eleventh Plan.

Out of this, a capacity of 1,935 MW has already been commissioned till 15.8.2007. Taking into account the proposed addition during the Eleventh Plan, the fuel mix of the likely installed capacity at the end of the Eleventh Plan would be about 1,44,600 MW in the thermal segment, about 51,200 MW in the hydro segment, and about 7,300 MW in the nuclear segment. In addition, approximately 21,760 MW is likely to be available from the renewable energy sources (including from small hydro, wind etc.).

(c) and (d) Electricity is a concurrent subject. In terms of the provisions of the Electricity Act, 2003, all functions of planning and coordination relating to intra-State transmission system are the responsibility of the State Transmission Utility (STU), while that of developing and maintaining an efficient, coordinated and economical distribution system is the responsibility of distribution licencees. Furthermore, the National Electricity Policy (notified in February 2005) states that the Central Transmission Utility (CTU) and STUs have the key responsibility of network planning and development based on the National Electricity Plan (as notified by the Central Electricity Authority) in coordination with all concerned organizations as provided in the Act.

The National Electricity Policy also provides that structured information dissemination and disclosure procedures should be developed by the CTU and STUs to ensure that all stakeholders are aware of the status of generation and transmission projects and plans. These should form a part of overall planning procedures.

The National Electricity Plan also gives the short term and long term perspective on generation planning. To avoid possible mismatch between generation and transmission projects, regular monitoring of power generation and transmission projects is being done by Central Electricity Authority.

Statement-I

State/UT-wise details of total power requirement in 2012

Power requirement of States and UT's during 2011-12		
State/UT	Electrical Energy Requirement in Billion Units	Peak Load in MW
1	2	3
Delhi	36.293	6092
Haryana	38.417	6839
Himachal Pradesh	9.504	1611
Jammu and Kashmir	11.202	2063
Punjab	60.489	11000
Rajasthan	48.916	8482
Uttar Pradesh	79.268	13947

1	2	3
Uttarakhand	8.445	1533
Chandigarh	2.308	420
Northern Region	**294.842**	**48137***
Goa	4.583	721
Gujarat	85.445	14374
Chhattisgarh	21.785	3565
Madhya Pradesh	49.338	8462
Maharashtra	125.661	21954
D and N Haveli	5.042	778
Daman and Diu	3.005	552
Western Region	**294.859**	**47108***
Andhra Pradesh	89.032	14721
Karnataka	53.540	8826
Kerala	19.230	3528
Tamil Nadu	87.222	14224
Pondicherry	4.419	683
Southern Region	**253.443**	**40367***
Bihar	19.905	3607
Jharkhand	23.408	4296
Orissa	27.149	4459
West Bengal	41.020	7407
Sikkim	0.320	83
Eastern Region	**111.802**	**19088***
Assam	7.585	1443
Manipur	0.932	203
Meghalaya	2.101	428
Nagaland	0.698	152
Tripura	1.229	282
Arunachal Pradesh	0.386	116

1	2	3
Mizoram	0.398	115
North Eastern Region	**13.329**	**2537***
ISLANDS		
Andman and Nicobar	0.344	77
Lakshadweep	0.040	11
TOTAL (ALL INDIA) :	**968.659**	**152746***

* The regional peak loads are not equal to sum total of individual peak loads of States due to diversity factor. Due to the same reason all India peak load is not equal to the sum total of the regional peak loads.

Statement-II

State/UT-wise details of capacity addition to provide power in Eleventh Plan

Proposed State-wise capacity additions in Eleventh Plan (MW)					
Sl. No.	States/UTs	Central Sector	State Sector	Private Sector	Total
1	2	3	4	5	6
1	Delhi	980*	0	0	980
2	Haryana	1500	1800	0	3300
3	Himachal Pradesh	2763	210	1637	4610
4	Jammu and Kashmir	360	450	0	810
5	Punjab	0	1000	675	1675
6	Rajasthan	940	1790	0	2730
7	Uttar Pradesh	980	2500	1500	4980
8	Uttarakhand	2640	304	330	3274
9	Chandigarh	0	0	0	0
Sub Total Northern Region		**10163**	**8054**	**4142**	**22359**
10	Chhattisgarh	3980	850	1600	6430
11	Gujarat	0	1715	1128	2843
12	Maharashtra	1740	4500	250	6490
13	Madhya Pradesh	520	2210	1060	3790
14	Goa	0	0	0	0
15	Daman and Diu	0	0	0	0
16	Dadra and Nagar Haveli	0	0	0	0

1	2	3	4	5	6
Sub Total Western Region		**6240**	**9275**	**4038**	**19553**
17	Andhra Pradesh	1000	3534	909	5443
18	Karnataka	440	1480	600	2520
19	Kerala	0	403	0	403
20	Tamil Nadu	5000	1152	0	6152
21	Puducherry	0	0	0	0
Sub Total Southern Region		**6440**	**6569**	**1509**	**14518**
22	Bihar	5050	0	0	5050
23	Jharkhand	4320	0	0	4320
24	Orissa	0	150	0	150
25	Sikkim	510	0	821	1331
26	West Bangal	3042	3720	250	7012
Sub Total Eastern Region		**12922**	**3870**	**1071**	**17863**
27	Arunachal Pradesh	2600	0	0	2600
28	Assam	750	37	0	787
29	Manipur	0	0	0	0
30	Mizoram	0	0	0	0
31	Meghalya	0	124	0	124
32	Nagaland	0	23	0	23
33	Tripura	750	0	0	750
Sub Total N. Eastern Region		**4100**	**184**	**0**	**4284**
34	Andman and Nicobar Islands	0	0	0	0
35	Lakshadweep	0	0	0	0
	TOTAL :	39865	27952	10760	78577

*Under best efforts

Gas required by the power sector

*203. SHRI AMAR SINGH:
SHRI VIRENDRA BHATIA:

Will the Minister of POWER be pleased to state:

(a) the quantum of gas being made available to the power sector from the exploration of D6 block of KG basin;

(b) the approximate requirement of gas for the power sector; and